|  |  |  |  |
| --- | --- | --- | --- |
| **Key Development Elements** | **Front-end** | **Back-end** | **Full-stack** |
| Skills | Problem solving Creativity | Algorithms / Math  Problem solving  Data/Databases  Servers | All those listed to the left Design UX/UI |
| Coding language | HTML, CSS, JavaScript DOM, JSON, AJAX,  Node.js, MySQL | Ruby, Python, PHP, SQL, Java but also familiar with front end languages. | Everything listed to the |
| Tools | ChromeDevTools, IDE,  Sass, AngularJS, JQuery, Git/Github | Languages, Servers, Databases, IDE, Git/Github, Terminal, Version Control | All those listed along with design tools. |
| UX approaches | Main role is code layout, design functioning site/app  Ease of use  accessibility | Speed, making front end devs lives better | From look and feel  To the speed and functionality of the site |
| Focus | Create a Functioning site and application.  Create look and feel of site.  Design what the user sees. | Databases, scripting, logic, APIs and website architecture, servers | Front end  Back end  UI/UX  Assessibility |
| Job titles | FE Dev, FE Engineer, CSS/HTML dev, FE web designer ,FE SEO expert, UI/UX dev | Back-End Developer Back-End Engineer | Full Stack Developer |
| Client-side vs Server-side | Client Side | Server Side  Which I believe may be my preference going forward | Both |